

# Kartikey Chauhan

Portfolio: [kartikey-chauhan.github.io](https://kartikey-chauhan.github.io)

Github: [github.com/kartikey-chauhan](https://github.com/kartikey-chauhan)

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Software developer with manufacturing industry experience in analysis, design and implementation of business applications. Skilled and passionate in Python and Data Science.

## SKILLS

**Languages:** Python, PL/SQL, HTML/CSS, Bash

**Databases:** Oracle, PostgreSQL, SQLite

**Frameworks:** Flask, Pandas, NumPy, Matplotlib, Scikit

**Tools:** SQL Developer, Git, Heroku, Docker, Jupyter, VS Code, MS Office, SonarQube, FlexDeploy

**Business/IT:** Oracle eBusiness Suite, ServiceNow, Quote-to-Cash (Q2C), Source-to-Pay (S2P), Supply Chain

## EXPERIENCE

### Tata Consultancy Services

Mumbai, India

*System Engineer*

2021 - Present

- Played a key role in Enhancement & Production Support of a F500 material science company.
- Reduced API errors between client's ERP and MES to <0.01% by coordinating with SMEs to identify & address design gaps and defects.
- Revamped sales order processing, leading to a 5x reduction in mean duration taken to process orders which improved customer service.
- Developed various automated solutions and process improvements that led to soft-savings of > \$75k/yr.

*Assistant System Engineer*

2019 - 2021

- Improved ship reliability KPI by automating delay categorization, reducing 90% of manual data entries.
- Rebuilt the bill-only transaction flow, significantly reducing customer invoicing grievances.
- Key projects: Custom BI Tool, Mass Repricing, Repetitive Receiving, DataFix Utility.
- Technologies used: PL/SQL, Oracle Applications Framework (OAF), AIX, Java.

## PROJECTS

### Recomovi Python, Streamlit

[share.streamlit.io/kartikey-chauhan/recomovi](https://share.streamlit.io/kartikey-chauhan/recomovi)

Content-based movie recommendation system & IMDb dataset generator.

### Flask Hotel Billing Flask, PostgreSQL, Javascript

[flask-hotel-billing.herokuapp.com](https://flask-hotel-billing.herokuapp.com)

Web application for hotel billing and invoices.

### IoT-Based Smart Street Light System C/C++, Arduino IOT Cloud

Demonstrated the energy conservation & data-collection potential of sensors and microcontrollers in street lights.

## EDUCATION

### JSS Academy of Technical Education

Noida, India

*Bachelor of Technology - Electronics & Communication; GPA: 71.4% (7.51/10)*

2015 - 2019

*Coursework: Data Structures, Computer System and Programming in C, Principles of Communication*

### Blue Bird Sr. Secondary School

Aligarh, India

*XII (Science); GPA: 93.4% (9.83/10)*

2014 - 2015

## AWARDS

### Contextual Master, TCS

2022

Given to experienced associates who demonstrate high levels of contextual knowledge.

### Digital Cadre, TCS

2021

Given to top 1% (0-3 YOE) associates tagged as 'Hi-Talent'.

### Runner-Up (White Paper Contest), TCS

2021

Wrote on impact of privacy laws on AI & ML-based search engines, that came 2nd across Mfg Unit.

### Star Performer, TCS Client

2020

Recognized for improvement of client's analytics modules.

## CERTIFICATIONS

### Oracle Inventory Cloud 2020 Certified Implementation Specialist

Oracle

Demonstrated knowledge of enterprise configuration and Supply Chain orchestration.

2021

### IBM AI Engineering Professional Certificate

IBM

Gained Proficiency in Machine Learning (ML) and Deep Learning (DL)

2020

### TCS MFDI AI Fluent - Data Scientist Certification

TCS

Gained Proficiency in Data Science lifecycle and methodologies.

2021